

SUPER HORNET PLANE CAPTAIN BOARD PRACTICE TEST (SAMPLE)

STUDY GUIDE



**SAMPLE STUDY GUIDE
WITH LIMITED QUESTIONS**

**VISIT US ONLINE FOR
THE FULL VERSION STUDY GUIDE**

<https://superhornetplanecaptain.examzify.com>



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Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.

2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 – 45 minutes). Review a handful of questions, reflect on the explanations.

3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!

Questions

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- 1. What is an essential characteristic of JP-5 fuel?**
 - A. Low freezing point
 - B. High flash point
 - C. High density
 - D. Eco-friendly component
- 2. During a daily inspection, what should be wiped with a lint free cloth and hydraulic fluid?**
 - A. The exterior of the aircraft
 - B. The hydraulic pistons on all struts
 - C. The cockpit instruments
 - D. The fuel tanks
- 3. What must be done immediately after completing an aircraft move?**
 - A. File a report
 - B. Perform an inspection
 - C. Securing the aircraft with chocks and grounding it
 - D. Communicate with air traffic control
- 4. What are the three positions for the aft cockpit canopy ejection handle?**
 - A. Normal, Standby, Safe
 - B. Normal, Solo, Aft
 - C. Initiate, Safe, Confirm
 - D. Open, Close, Eject
- 5. What is a common reason for checking the HUD desiccant?**
 - A. Ensure it maintains pressure
 - B. To confirm moisture levels
 - C. To verify its color
 - D. To replace it regularly
- 6. How should personnel respond to an overheated wheel/tire?**
 - A. Approach with caution from the side
 - B. Signal the pilot and clear the area
 - C. Use a fire extinguisher immediately
 - D. Cover the wheel/tire with a blanket

7. Why are fuel samples important before the first flight?

- A. To reduce fuel costs
- B. To ensure fuel quality and detect contamination
- C. To comply with airline protocols
- D. To determine the aircraft's range

8. Why is the ADB essential for a Plane Captain?

- A. It contains flight schedules.
- B. It tracks cargo loads.
- C. It has all MAFs initiated to the aircraft.
- D. It lists the crew members.

9. What is a necessary action after relieving pressure from an aircraft tire?

- A. Vacuum the area
- B. Inspect the tire for damage
- C. Reinflate the tire
- D. File a maintenance report

10. Which publication must be present when performing a daily inspection on an aircraft?

- A. A1-F18EA-MRC-200
- B. A1-F18EA-MRC-100
- C. A1-F18EA-MRC-300
- D. A1-F18EA-MRC-400

Answers

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1. B
2. B
3. C
4. B
5. B
6. B
7. B
8. C
9. B
10. A

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Explanations

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1. What is an essential characteristic of JP-5 fuel?

- A. Low freezing point
- B. High flash point**
- C. High density
- D. Eco-friendly component

The essential characteristic of JP-5 fuel is its high flash point. The flash point of a fuel is the lowest temperature at which it can vaporize to form an ignitable mixture in air. JP-5 has a flash point of around 140 degrees Fahrenheit (60 degrees Celsius), which significantly reduces the risk of fire and explosion compared to fuels with lower flash points. This property is particularly important for military aviation applications, where safety is paramount due to the operational environment, including aircraft carriers and other naval vessels. The use of JP-5 helps ensure that fuels maintain a safe level of volatility, thus providing a level of safety that is crucial during flight operations and refueling. Understanding this characteristic helps in recognizing the overall safety protocols related to handling and storing aviation fuels, particularly in military settings. While other fuels may offer advantages in different environments, the high flash point of JP-5 is specifically tailored to meet the rigorous demands of naval aviation operations.

2. During a daily inspection, what should be wiped with a lint free cloth and hydraulic fluid?

- A. The exterior of the aircraft
- B. The hydraulic pistons on all struts**
- C. The cockpit instruments
- D. The fuel tanks

The correct answer highlights the importance of maintaining the hydraulic system's integrity and cleanliness. During a daily inspection of the Super Hornet, hydraulic pistons on all struts should be wiped with a lint-free cloth and hydraulic fluid. This practice serves several purposes: it helps to remove any dirt, debris, or contaminants that could affect the functionality of the hydraulic system, and it ensures that the hydraulic pistons are properly lubricated. Keeping these components clean is essential for the safe operation of the aircraft, as any buildup could hinder the movement of the struts, potentially leading to mechanical failures. This procedure is particularly important given that hydraulic systems are critical for the control surfaces of the aircraft, landing gear operation, and various other systems. Ensuring that the pistons are clean and adequately lubricated helps to prolong their lifespan and maintain reliable performance. While wiping the exterior of the aircraft, the cockpit instruments, or the fuel tanks might be part of other inspection tasks, these actions do not specifically address the need for cleanliness and lubrication of critical internal components like the hydraulic pistons, making them less relevant in the context of this question.

3. What must be done immediately after completing an aircraft move?

- A. File a report
- B. Perform an inspection
- C. Securing the aircraft with chocks and grounding it**
- D. Communicate with air traffic control

Immediately after completing an aircraft move, the primary concern is to ensure the aircraft's safety and stability. Securing the aircraft with chocks and grounding it is essential because this action prevents accidental movement and ensures that the aircraft remains stationary during any subsequent procedures. Chocks are used to block the wheels, while grounding is a safety precaution to avoid any potential electrical hazards and to ensure the aircraft is properly prepared for any maintenance or operations that follow. Filing a report and performing an inspection are important steps in the overall process but occur after the immediate securing of the aircraft. Communicating with air traffic control is usually relevant during takeoffs, landings, and taxiing, rather than after moving the aircraft in a controlled environment, such as a hangar or maintenance area. The priority is to first secure the aircraft to maintain safety.

4. What are the three positions for the aft cockpit canopy ejection handle?

- A. Normal, Standby, Safe
- B. Normal, Solo, Aft**
- C. Initiate, Safe, Confirm
- D. Open, Close, Eject

The three positions for the aft cockpit canopy ejection handle are classified as Normal, Solo, and Aft. In this context: - **Normal** is the position used for regular operations, allowing for standard ejection sequence when needed. - **Solo** indicates that the ejection is configured for the aircraft being flown with a single pilot, which can alter the parameters of how the ejection system functions in relation to the cockpit layout. - **Aft** position signifies that the handle is set up for operations involving the rear seat or scope of ejection for two-seat configurations. Understanding these positions is critical for ensuring the correct handling of the ejection system during various flight operations, as each position alters set parameters for safety and operational efficiency in different scenarios.

5. What is a common reason for checking the HUD desiccant?

- A. Ensure it maintains pressure
- B. To confirm moisture levels**
- C. To verify its color
- D. To replace it regularly

The correct answer focuses on the primary purpose of checking the HUD (Head-Up Display) desiccant, which is to confirm moisture levels. The HUD desiccant is designed to absorb moisture and prevent condensation from forming within the HUD unit, which is critical for maintaining optimal visibility and functionality during flight operations. By checking the desiccant, personnel can ensure that it is effectively absorbing moisture. If the moisture levels are too high and the desiccant is saturated, it can lead to potential malfunctions, obscured displays, or diminished performance of the HUD system. While maintaining pressure and verifying color might be relevant in other contexts, they are not the main objectives when it comes to the functionality of the desiccant. Regularly replacing the desiccant is a good practice, but checking it specifically pertains to confirming moisture levels to ensure continued effectiveness in its role.

6. How should personnel respond to an overheated wheel/tire?

- A. Approach with caution from the side
- B. Signal the pilot and clear the area**
- C. Use a fire extinguisher immediately
- D. Cover the wheel/tire with a blanket

The correct course of action for personnel in response to an overheated wheel or tire is to signal the pilot and clear the area. This is essential for ensuring the safety of both personnel and the aircraft. An overheated wheel or tire presents a significant risk of fire or explosion, and immediate action is necessary to mitigate these dangers. By signaling the pilot, you alert them to a potentially hazardous situation, allowing them to take appropriate measures to ensure the aircraft is safely managed. Clearing the area is also crucial because it removes any non-essential personnel from a potentially dangerous situation, reducing the risk of injuries. Maintaining a safe distance from the overheated component ensures that the impact of any ignition or explosion is minimized. While approaching from the side may seem cautious, it is still risky to be near a wheel or tire that is exhibiting signs of overheating without taking the necessary precautions. Using a fire extinguisher might be appropriate in some situations, but it's important to first assess the immediate area for safety rather than putting oneself at risk. Covering the wheel or tire with a blanket does not address the underlying danger of overheating and could potentially exacerbate the situation. Therefore, signaling the pilot and evacuating the area represents the safest and most effective emergency response.

7. Why are fuel samples important before the first flight?

- A. To reduce fuel costs
- B. To ensure fuel quality and detect contamination**
- C. To comply with airline protocols
- D. To determine the aircraft's range

Fuel samples are crucial prior to the first flight because they help ensure the quality of the fuel and detect any contamination that may be present. Contaminated fuel can lead to a variety of serious issues, such as engine failure or reduced performance, which can jeopardize the safety of the flight. By sampling and analyzing fuel before use, personnel can identify substances like water, dirt, or microbial growth that could affect engine operation. Thus, conducting these checks is an essential safety protocol that protects both the aircraft and its crew. Ensuring optimal fuel quality directly contributes to the reliability and safety of the flight, making this step indispensable.

8. Why is the ADB essential for a Plane Captain?

- A. It contains flight schedules.
- B. It tracks cargo loads.
- C. It has all MAFs initiated to the aircraft.**
- D. It lists the crew members.

The Aircraft Discrepancy Book (ADB) is crucial for a Plane Captain because it documents all Maintenance Action Forms (MAFs) that have been initiated for the aircraft. These forms capture essential information on any discrepancies, maintenance performed, and any outstanding issues that require attention. The ADB serves as a comprehensive record of the aircraft's maintenance status, helping the Plane Captain ensure that all discrepancies are addressed before the aircraft is cleared for flight. By understanding and utilizing the ADB, the Plane Captain can maintain operational readiness and safety standards, ensuring that all necessary maintenance has been completed and that the aircraft is in a suitable condition for operations.

9. What is a necessary action after relieving pressure from an aircraft tire?

- A. Vacuum the area
- B. Inspect the tire for damage**
- C. Reinflate the tire
- D. File a maintenance report

After relieving pressure from an aircraft tire, it is essential to inspect the tire for damage. This action is crucial because tires can sustain wear, cuts, or other forms of damage that might not be apparent until pressure is released. Inspecting the tire allows maintenance personnel to assess its condition thoroughly, ensuring that it is safe for further operations. Regular inspections can identify issues such as abrasions, bulges, or embedded objects that could compromise the tire's integrity and performance during flight. Timely identification of any damage ensures that appropriate measures can be taken, such as scheduling repairs or replacements, which is vital for maintaining the aircraft's safety and performance standards. Reinflating the tire, filing a maintenance report, or cleaning the area do not address potential underlying issues with the tire itself and could lead to safety hazards if the tire is improperly deemed safe. Each of these actions has its place in maintenance protocols, but ensuring the integrity of the tire through inspection is a primary concern right after relieving the pressure.

10. Which publication must be present when performing a daily inspection on an aircraft?

- A. A1-F18EA-MRC-200**
- B. A1-F18EA-MRC-100
- C. A1-F18EA-MRC-300
- D. A1-F18EA-MRC-400

The correct choice is significant because A1-F18EA-MRC-200 is the specific maintenance requirement card for daily inspections of the Super Hornet. This document provides the necessary checklists, guidelines, and protocols that must be followed during the inspection process to ensure that all critical areas of the aircraft are examined thoroughly for safety and operational readiness. Using this publication ensures compliance with Navy standards for aircraft maintenance, which helps prevent oversight of essential checks that could affect the aircraft's performance. It contains detailed instructions on what needs to be inspected daily, allowing personnel to effectively identify any issues that may compromise the aircraft's safety or functionality. Other choices reference different MRCs that apply to various aspects of the Super Hornet's maintenance and operational procedures but are not specifically designated for daily inspections. Hence, they would not provide the accurate and relevant information required to conduct a daily aircraft inspection effectively.

Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at hello@examzify.com.

Or visit your dedicated course page for more study tools and resources:

<https://superhornetplanecaptain.examzify.com>

We wish you the very best on your exam journey. You've got this!

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